```
logo
NTDB id 598 KW2 RS08500 WP 021037660.1      MRTAIDENNKIINLLELDRKELTGKFYCPSCHSELLIKNGQIKVLHFAHKSLKSCNLWLENESEQHLGLKKILYQWFKRT   80
NTDB id 291155 DEH83 RS01340 WP 255776884.1 MLIACQENGKLLNAVE.DTVNTLNRFLCPACLEAVRFKKGRVMRPHFAHISLKDCHFYTENESAEHLNLKAALFTWARKS   79
NTDB id 155 SP RS04850 WP 000495909.1       MFVARDARGELVNVLE.DKLE.KQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKE   78
NTDB id 265 KZH43 RS04315 WP 000495911.1    MFVARDARGELVNVLE.DKLE.KQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKE   78
NTDB id 224 SPD RS04655 WP 000495911.1      MFVARDARGELVNVLE.DKLE.KQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKE   78
NTDB id 190 SPR RS04415 WP 000495911.1      MFVARDARGELVNVLE.DKLE.KQAYTCPACGGQLHLRQGPSVRTHFAHKSLKDCDFFFENESPEHLANKESLYHWLKKE   78
NTDB id 495 SM12261 RS04415 WP 000495920.1  MFVARDSRGELVNVLE.DKLE.KQAYTCPACGGQLRLRQGPSVRIHFAHKTLKDCDFSSENESPEHLENKEVLYHWLKKE   78
consensus                                   !**!*******!**!  !***  *****!!*!********!*****!!!!**!!*!****!!!!**!!**!**!**!****

logo
NTDB id 598 KW2 RS08500 WP 021037660.1      .DKVEIERYLPELNQRPDLLVNDKIAIEIQCSHLSIKRLKERTENYKTHGFKVLWLMGKDLWLAEQVTELQKNLVYFSEN  159
NTDB id 291155 DEH83 RS01340 WP 255776884.1 NHAVQVEAYLPKLQQIADLLVEKQIALEVQCSSLSQKRLKERTDSYHQHGYHVLWLLGKRLWLKDSLTNLQKDFLYFSQN  159
NTDB id 155 SP RS04850 WP 000495909.1       .TKVQLEYPLSELKQIADVFVNGNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGQKLWLKERLTRLQQGFLYFSQN  157
NTDB id 265 KZH43 RS04315 WP 000495911.1    .TKVQLEYPLSELKQIADVFVNGNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGQKLWLKERLTRLQQGFLYFSQN  157
NTDB id 224 SPD RS04655 WP 000495911.1      .TKVQLEYPLSELKQIADVFVNGNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGQKLWLKERLTRLQQGFLYFSQN  157
NTDB id 190 SPR RS04415 WP 000495911.1      .TKVQLEYPLSELKQIADVFVNGNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGQKLWLKERLTRLQQGFLYFSQN  157
NTDB id 495 SM12261 RS04415 WP 000495920.1  .AEVQLEYLLPELKQIADVFVNGNLALEVQCSPLPQKVLKERSEGYRSQGYQVLWLLGKKLWLKERLTRLQQGFLYFSQN  157
consensus                                   **!**!**!**!*!**!**!****!*!*!!!*!**!*!!!!***!***!**!!!!!*!**!!!****!*!!****!!!*!

logo
NTDB id 598 KW2 RS08500 WP 021037660.1      RGFFYWELDFQRKKLRLKSLIHEDLRGRIICLQEEIPFGKGRLIAHLRLPYLAQKLVKIPTFKDSKLSSFIRQQLYYQSP  239
NTDB id 291155 DEH83 RS01340 WP 255776884.1 MGFYLWELDDKKQELRLKYLIHEDLHGRAQYKVQSFPFGQGSLLTVLRTPFQQQEMTSFLAKEDKNICRYVRQQLYYQQP  239
NTDB id 155 SP RS04850 WP 000495909.1       MGFYVWELDKEKQVLRLKYLIYQDLRGKLHYQIKEFSYGQGSLLEILRLPYKRQKISHFTVSEDKDICRYIRQQLYYQNL  237
NTDB id 265 KZH43 RS04315 WP 000495911.1    MGFYVWELDKGKQVLRLKYLIYQDLRGKLHYQIKEFSYGQGSLLEILRLPYKKQKISHFTVSEDKDICRYIRQQLYYQNL  237
NTDB id 224 SPD RS04655 WP 000495911.1      MGFYVWELDKGKQVLRLKYLIYQDLRGKLHYQIKEFSYGQGSLLEILRLPYKKQKISHFTVSEDKDICRYIRQQLYYQNL  237
NTDB id 190 SPR RS04415 WP 000495911.1      MGFYVWELDKGKQVLRLKYLIYQDLRGKLHYQIKEFSYGQGSLLEILRLPYKKQKISHFTVSEDKDICRYIRQQLYYQNL  237
NTDB id 495 SM12261 RS04415 WP 000495920.1  MGFYVWELDSEKQVLRLKYLIHQDLRGKLHYQIKEFPYGHGSLLEILRFPYKKQKISHFTVSQDKDICRYIRQQLYYQNP  237
consensus                                   *!!**!!!!*  ***!!!!*!!**!!*!*********!*!*!***!!*!***!*********!******!!!!!!!**

logo
NTDB id 598 KW2 RS08500 WP 021037660.1      KWMKIQEKYYQKGENLLTKKFEGPYIAPLGLNLLENFTDEMTITTFTQIDQNVKLYYENFLINFQR...NSLEMLYPPRS  316
NTDB id 291155 DEH83 RS01340 WP 255776884.1 KWMKLQAELYQAGDNLLTKTTSDFYPQV..........QPVRASSFCQIFQDLTPYYQQFSAYYEKEKNKNFQILYPPAF  309
NTDB id 155 SP RS04850 WP 000495909.1       FWMKEQAEAYQKGENILTYGLKEWYPQI..........RPIV.GKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAF  306
NTDB id 265 KZH43 RS04315 WP 000495911.1    FWMKEQAEAYQKGENILTYGLKEWYPQI..........RPIV.GKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAF  306
NTDB id 224 SPD RS04655 WP 000495911.1      FWMKEQAEAYQKGENILTYGLKEWYPQI..........RPIV.GKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAF  306
NTDB id 190 SPR RS04415 WP 000495911.1      FWMKEQAEAYQKGENILTYGLKEWYPQI..........RPIV.GKFFQIEQDLTSYYQHFYTYYQKNPQNDWQKLYPPAF  306
NTDB id 495 SM12261 RS04415 WP 000495920.1  IWMKEQAEAYKKGENLLTYGLKEWYPQI..........RPLV.GNFCQIEQDLIRYYLYFQTYYQENPQNDWQMLYPPAF  306
consensus                                   *!!!*!***!**!*!*!!******!***          ****  **!*!!*!****!!**!*************!!!!**
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logo                                          YQQYFLKNMVE
                                              IRMLRYKIER
NTDB id 598 KW2 RS08500 WP 021037660.1        YAIMGKQKKEK   327
NTDB id 291155 DEH83 RS01340 WP 255776884.1   YTRILSVFMIE   320
NTDB id 155 SP RS04850 WP 000495909.1         YQQYFLKNMVE   317
NTDB id 265 KZH43 RS04315 WP 000495911.1      YQQYFLKNMVE   317
NTDB id 224 SPD RS04655 WP 000495911.1        YQQYFLKNMVE   317
NTDB id 190 SPR RS04415 WP 000495911.1        YQQYFLKNMVE   317
NTDB id 495 SM12261 RS04415 WP 000495920.1    YQQYFLKNMVE   317
consensus                                     !*********
```

X non conserved

X similar

X $\geq$ 50% conserved